

14N 32E 27
T. Garfield

County
RECEIVED
AUG 11 1961

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner. Bruce Dutton

Sand Springs, Montana

Address. Eugene McConnell Roundup, Montana

Driller. 6/29/59 Address. 7/1/59

Date Started. 24 14 32 Date Completed. SW 1/4 SW 1/4

Location: Sec. T. R. 1/4 sec. CABLE

Type of well. DRILLED Equipment used. (Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: Galvanized 6 inch

Casing: 0 215 ft. to 170 ft. Type. Size.

Casing: 150 ft. to 170 ft. Type. Size.

Casing: 150 ft. to 170 ft. Type. Size.

Perforated or Screened: Ft. 155 to ft. 170 slots

Type of screen or perforations. 155 from top

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: 18 (date)

Pumping water level: feet at 30 minutes gal. per min.

How tested: 30 minutes

Length of test.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

File No.

T. 14N R. 32E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

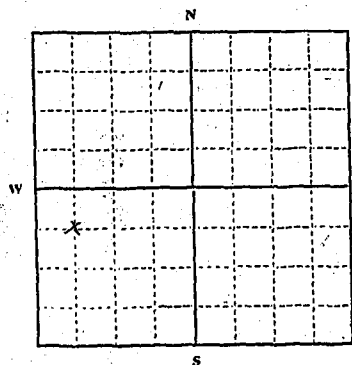
Date of Appropriation of Groundwater 1913Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any)

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring used since 1913.



NW 1/4 Sec. 33, T14N R. 32E

Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Spring
flows 15 gallons per minute, measured over
a period of time.

Northern Pacific Railway Company
Signature of Owner By [Signature]
Dist. Supervisor, Graz. & Cult.

Date DEC 10 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

132

124628

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 10 day of Nov

A. D. 1903 of 125 blocks M

Charles E. Hughes
County Clerk and Recorder

By Harold E. Jones
Deputy

Fee Paid \$ 2.00

MAILED
NOV 10 1903
FILED

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 14^N R. 32^E

DUPLICATE

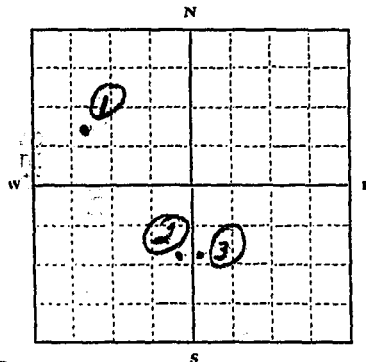
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. DUTTON ENTERPRISES, of SAND SPRINGS
(Name of Appropriator) (Address) (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



① SW
7th Sec. 34 T. 14 R. 32

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

② NE-SW 34-14-32
③ NW-SE 34-14-32

2. The beneficial use on which the claim is based.

STALK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ① 1918 ② 1947

③ 1949 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ① 9 GPM ② 4 GPM

③ 7 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NOT APP.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WIND MILLS
22 well sites
② electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ① 1918 ② 1947 ③ 1949

8. The depth of water table ① 100' ② 100' ③ 46'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

① Drilled - 6" casing galv. - 120' deep 8" mill for pump
② Drilled 5" casing galv. - 110' deep electric motor pump
③ Drilled 4" galv. casing 70' deep 6" mill pump

10. The estimated amount of groundwater withdrawn each year ① 1,000,000 gals ② 365,000 g ③ 50,000 g

11. The log of formations encountered in the drilling of each well if available ① Not Available
② 0-70 SAND 60-90 Soft SHALE 90-110 Hard SHALE

③ 0-70 SAND

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Unknown

Signature of Owner Dutton Enterprises

Date 12/27/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23263

350

125006

STATE OF MONTANA
County of Garfield

Filed in the office of County Clerk and
Recorder of Garfield County, State of Mont.
this 30 day of Dec

A. D. 19 63 at Garfield

Charles E. Dwyer
County Clerk and Recorder
Marian B. Dwyer
Deputy

See Book 200

INDEXED md
FILED cap

File No.

T. 14 N R. 32 E

TRIPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1947Owner Butter Enterprise Address Same SpringContractor (if any) Joseph M. ButteAddress of Contractor Same SpringDate Started Jan 47 Date Completed Spring 47

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Same as previous

on spring side water atsurface

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

265 000 lb water100 head of stock watering 1/2 yearat 20 gal per headSignature of Owner Joseph M. ButteDate Jan 8 1964

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

23261

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—2199

File No. _____

T. 14 N. 32 E.

TRIPLICATE

County Garfield

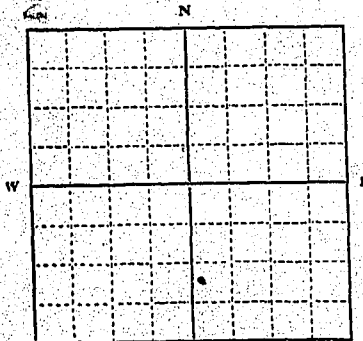
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1947Owner Butter Enterprises Address Land SpringsContractor (if any) Joseph M. ButtenAddress of Contractor Land SpringsDate Started Spring 47 Date Completed Spring 47Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Case in Reservoirone spring site water at surfaceSE 1/4 Sec 34 T. 14 R. 32

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

365 000 stock water100 head of stock watering 1/2 year at 20 gal per headSignature of Owner Joseph M. ButtenDate 12-27-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

23261

348

125004

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.
A. D. 19 63 at 9:23 o'clock A. M.

James E. Rogers
County Clerk and Recorder
By Marvin E. James
Deputy

Fee Paid \$ 2.00

7mJ
INDEXED
WES
FILED

GROUNDWATER INDEX

Page 1 of 1County Garfield Twp. 14 N Rge. 33 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
30	Dutton Bruce	57 Well log		
32	Dutton Bruce	57 Well log		

T. 14 N R. 33 E
County GarfieldMONTANA BUREAU OF MINES AND GEOLOGY
Butte, MontanaRECEIVED
JUN 21 1961

WATER WELL LOG

STATE ENGINEER

Owner Bruce Dutton Address Sand Springs, Montana
 Driller McConnell Bros Address Roundup, Montana
 Date Started 6/15/61 Date Completed 6/19/61
 Location: Sec 30 T. 14 N R. 33 E $\frac{1}{4}$ sec. NW $\frac{1}{4}$ NE $\frac{1}{4}$

Type of well drilled Equipment used cable
 (Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 90 ft. Type Galvanized Size 6 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 45 to ft. 55 Ft. 65 to ft. 75

Type of screen or perforations slots

Static Water level, for non-flowing well: _____ 18 feet from top feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at 15 gal. per min.

How tested: bailer

Length of test 30 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

T. 14N R. 33E
County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 11 1961

WATER WELL LOG

STATE ENGINEER

Owner Bruce Dutton Address Sand Springs, Montana
Driller McConnell Bros Address Roundup, Montana
Date Started 6/19/61 Date Completed 6/22/61
Location: Sec. 32 T. 14N R. 33E $\frac{1}{4}$ sec. SE $\frac{1}{4}$ SW $\frac{1}{4}$

Type of well drilled Equipment used XX cable
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 170 ft. Type Galvanized Size 6 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 129 to ft. 170 Ft. _____ to ft. _____
slots

Type of screen or perforations _____

Static Water level, for non-flowing well: 135 from top feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ feet at 14 gal. per min.

How tested: bailer

Length of test: 30 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

Page 1 of 1

County Yarfield Twp. 147 Rge. 34

[illegible]

CV

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 14 N R. 34 E

DUPLICATE

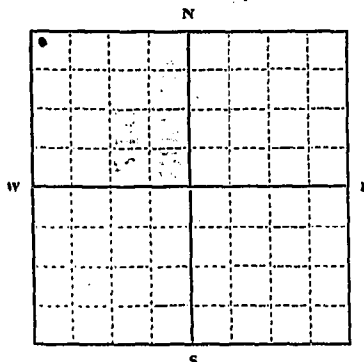
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Tom Hakea, of Sand Springs
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 11 T. 14 R. 34

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic garden and lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gpm
5. If used for irrigation, give the acreage and description of the lands to which, water has been applied and name of the owner thereof Lawn & Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder pump with windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 12-24-56 1-1-57
8. The depth of water table 180'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 15" steel casing 6" 186'
10. The estimated amount of groundwater withdrawn each year 270,000
11. The log of formations encountered in the drilling of each well if available Shale Shale Sand rock Coal Shale Sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Tom Hakea
Date 12-27-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23260

347
125003

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 20 day of Dec.

A. D. 1922 at 7:00 o'clock A. M.

Charles S. Langston

County Clerk and Recorder

By Marianne S. Jones
Deputy

Gas Fee \$ 2.00

INDEXED md
FILED clg

138013

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana.
1919 14 day of Sept

A. D. 19 72 at 3:30 o'clock P .. No

Chas. E. Langston
County Clerk and Recorder

By Marion K. Milak
Deputy

Amount Paid 2.00

Equipment used

Dist. 17

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres, and location or other data (i.e. lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL

PERFORMANCES			
Size of Cable	Size and Weight of Cable	From (Feet)	To (Feet)
6"	4"	1	104
	4"	104	112
			104
			164

Owner Daniel Kee
Address Sand Springs, M. 5907
Location T. 14N R. 34E Sec. 23
Doc. No. 881 - 138013

Special Instructions:

Thank you.

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

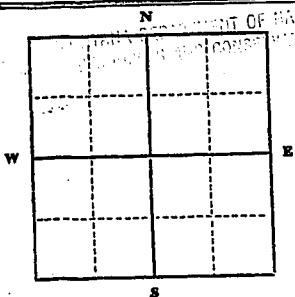
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4"	1	164	1/2	104	164
<div>PLASTIC</div> <div>HOLES</div>						
<div>RECEIVED</div>						
<div>5 1972</div>						



Static water level 110 ft.*
Pumping water level 140 ft.*
at 5 gallons per minute,
measured _____ minutes after pumping
began.

*Measured from ground level.

Well developed by 24 hours.

Power..... Pump..... HF.....

Remarks: (Gravel packing, cementing, packers, type of shut-off)

(16) 1/4 Sec. 1/4 Sec. 23
 T. 14 (N) R. 35 (W)
 S

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [Signature]

Driller's Address 7000 111 Ave

LICENSE NO.....25

164 Show exact depth of bottom

51,357

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

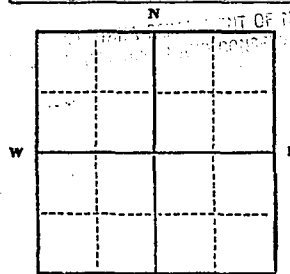
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Daniel K. E.
Address SAND SPRING
MONT.
Date well started 8-9-72
completed 8-11-72
Type of well DRILLED
Equipment used BATTERY
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐
*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____
ESTIMATED ANNUAL WITHDRAWAL _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	4" PLASTIC	1	164	1/2 HOLES



1/4 Sec. 23
T. 14 N. R. 34 E. S. 34 W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Daniel K. E.

Driller's Address Jordan Mont

LICENSE NO. 29

County DARKE

DRILLER'S LOG 23

RECEIVED
SEP 18 1972

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
1	12	SANDY CLAY
10	15	ROCK
15	170	SHALE
140	164	SAND

Static water level 110 ft.*
Pumping water level 110 ft.*
at 5 gallons per minute,
measured 2 minutes after pumping began.

*Measured from ground level.
Well developed by 24 hours.
Power 24 Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

164 Show exact depth of bottom

1-F.

51,387

County Garfield

RECEIVED
JUN 11 1961

1961

STATE ENGINEER

	✓	

Owner Forest Gregg Address Ingomar-Mont

Driller Don Strudel Address Roundup Mont.

Date Started 6-23-61 Date Completed 6-28-61

Location: Sec. 25 - T. 14 R. 34 $\frac{1}{4}$ sec.

Type of well Drilled Equipment used Churn-drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial _____ Drainage _____ Other: _____

Casing: 0 ft. to 185 ft. Type 20 ga. galv. Size 6 inch

Casing: 138 ft. to 156 ft. Type perforated Size 6 inch

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. _____ to ft. 162 Ft. 182 to ft. _____

Type of screen or perforations *Factorial slots*

Static Water level, for non-flowing well:.....43 ft. from top.....feet

Shut-in pressure, for flowing well:.....lb./sq. in. on:.....

Pumping water level 52 feet at 107 gal. per min.

How tested: Local - tested

Length of test..... 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	Topsoil
15	35	Sand-rock
35	37	Sandy blue-shale
37	38	Hard grey rock
38	39	Thin streaks of water sand - $1\frac{1}{2}$ gal. per min.
39	42	Sticky-blue shale
42	44	Sandy shale
44	62	Soft grey shale
62	70	Bentonite
70	72	Brown-shale
72	92	Soft grey shale
92	99	Sand-water-bearing - 2 gal. per min.
99	104	Soft brown shale
104	110	Soft grey shale
110	118	Sandy grey shale
118	124	Brown shale
124	130	Dry soft sand
130	140	Soft grey shale
140	175	Water-sands - streaks of coal and shale. Pulled a 10 gal. hauler per min.
175	185	Hard grey shale (Settling basin)

File No. _____

T. 14 N. R. 34 E. 25

DUPLICATE

County Garfield

FEB 25 1971

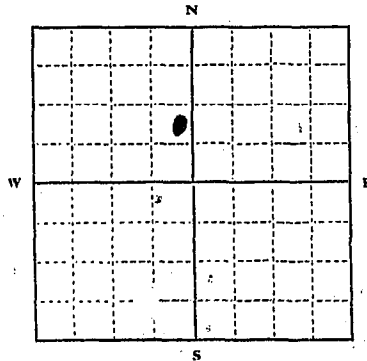
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Forrest R. Gregg of Jordan
(Name of Appropriator) (Address) (Town)

County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Wind mill or pump

Sec. 14 Sec. 25 T. 14 N. R. 34 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. ~~Started June 23, 1961. Completed June 28, 1961.~~
8. The depth of water table.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well with 6" casing to a depth of 135 ft. Perforated casing from 133 ft. to 156 ft.
10. The estimated amount of groundwater withdrawn each year 40,000 gal
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Doc. No. 136150

Filed for record

this 23 day of FebruaryA. D. 19 72 at 2:05o'clock P.M.

Signature of Owner

Date July 1, 1961

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

48173

865

136150
J.W. Wheelapping.
Dress, Forest R
Public, etc.

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 23 day of Feb.

at 2.05 o'clock P.M.
Charles E. Langburn
County Clerk and Recorder
Alpha E. Armstrong
200 Deputy

File No. _____

DUPLICATE RECEIVED

FEB 25 1971

Approved Stock Form—State Publishing Co., Helena, Montana—42234

T. 14N R. 34E

County Garfield

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

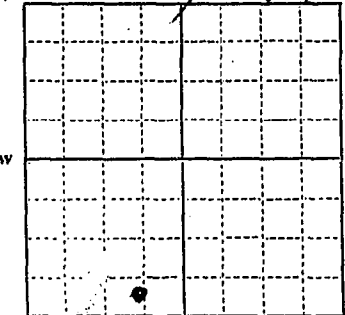
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold R. Gugg, of Gordon Mont.
(Name of Appropriator) (Address) (Town)

County of Garfield State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Section 25, 14N, 34E



1/4 Sec 25, T. 14N, R. 34E 1/4 SW
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1961
steady ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 +

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

windmill + engine pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1961

8. The depth of water table 92 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch hole

10. The estimated amount of groundwater withdrawn each year 200-000 gal per year

11. The log of formations encountered in the drilling of each well if available

on separate sheet

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Doc. No. 736149
Filed for record
this 23 day of February
A. D. 19 71, at 2:00
o'clock P. M.

Signature of Owner Harold R. Gugg

Date July 1, 1961

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

48172

864

136149

g w west group.
By *Wm. R. Sullivan*
Public, etc.
COUNTY OF GARFIELD
COUNTY OF GARFIELD

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
Date 23 day of Feb

1921 at 2 o'clock P.M.

Charles E. Hargrave
County Clerk and Recorder

By *Delpha E. Armstrong*
Deputy

Fee Paid \$ 2.00

File No.

T. 14 R. 34 29

DUPLICATE

County GARFIELD

LOG

Top of Ground

(Elev. above sea level.....)

1-20 clay
 20-70 shale
 70-72 rock
 72-96 shale
 96-97 rock
 97-155 shale
 155-168 sand
 168-295 shale
 295-360 sand

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
 Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner DAN KEE Address JORDAN MONT

Driller MERLE OR KENNEDY Address JORDAN MONT

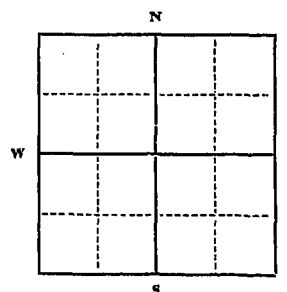
Date of Notice of appropriation of groundwater.....

Date well started..... Date completed JUNE 21, 67

Type of well DRILLED Equipment used ROTARY
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	9 1/2"	1	360	5" x 4"	280	360



Static Water Level for non-flowing well 240 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 300 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested pump 12 hrs.

Length of Test.....

Remarks: (Gravel packing, cementing, pack.....)

..... type of shutoff).....

N 1/4 Sec. 27 T. 14 R. 34
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 29

Driller's Signature Kenneth Duan

42,084

131456
 131456
 131456

STATE OF MONTANA
 County of Garfield

Filed in the office of the County Clerk and
 Recorder of Garfield County, State of Montana
 this 22nd day of June

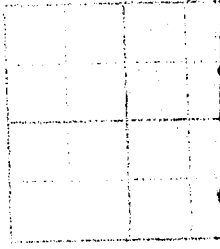
A. D. 1967 at 4:15 o'clock P. M.

Charles E. Langston
 County Clerk and Recorder

By _____ Deputy

Fee Paid \$ 2.00

Indexed
 Filed
 C.E.P.



131456

131456

131456

GROUNDWATER INDEX

Page 1 of 1

County Garfield Twp. 1477 Rge. 356

[illegible]

File No.

T. 14 N. R. 35 E

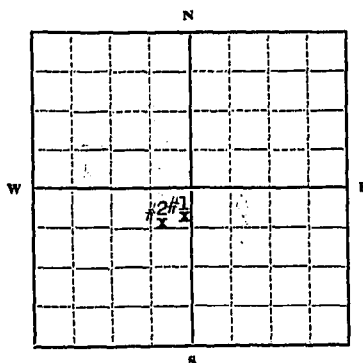
DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights **RECEIVED**
(Under Chapter 237, Montana Session Laws, 1961) **JAN 6 1964**
STATE ENGINEER

I, Daniel C. and/or Mary Kee, of Sand Springs,
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 26. T14. R. 35.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock water,
household purposes, and garden and yard irrigation

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been well # 1. June 1958
well # 2. uncertain—1940
continuous use for both

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1. above 10 gallons per minute
2. about 1 gallon per minute

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
1. about 1 acre of garden area
2. yard area
used by appropriator

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
1. pipe, cylinder, pumpjack and electric motor
2. jet water system

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1. June 1958
2. unknown

8. The depth of water table 1. 119' to 130' 2. 10' to 30'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 1. 130' of 20 ga. galv. steel casing, 126' of 1 1/2" galv. pipe and 2 1/2" cylinder, 7/16 rod, Red Jack pump head, Duplex 88 pump jack, 3/4 h.p. electric motor and 150 gal. steel trough 2. 30' hand dug and rocked well with Wards 2 h.p. automatic jet water system

10. The estimated amount of groundwater withdrawn each year 1. up to 2500 gal. per day 2. 500 gal. daily

11. The log of formations encountered in the drilling of each well if available 1. 0 to 5. topsoil, 5 to 6. sand rock, 6 to 41. sandy shale, 41 to 42. blue shale, 42 to 78. brown shale, 78 to 90. sticky dark shale, 90 to 96. coarse grey sand & shale, 96 to 119. grey shale, 119 to 124. blue sandy shale & water above 10 g.p.m. 124 to 130. grey shale, #2. topsoil, sandy yellow shale & blue shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

Daniel C. KeeDate Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

23385

471

125128

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.

A. D. 19 63 at 11:27 o'clock A M.

Charles E. Thompson
County Clerk and Recorder
By Theresa A. James
Deputy

Fee Paid \$ 2.00

ASSISTANT mf
RECEIVED exp

RECEIVED

JUL 2 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 11N R. 35E

County Garfield

26

WATER WELL LOG

Owner Dan & Mary Kae Address Ingomar, Montana

Driller Don Strand Address Roundup, Montana

Date Started June 25, 1958 Date Completed June 30, 1958

Location: Sec. 26 T. 11N R. 35E 1/4 sec. NE 1/4 SW 1/4

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 130 ft. Type Galvanized Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated ~~screen~~: Ft. 112 to ft. 130 Ft. to ft.

Type of screen or perforations slit

Static Water level, for non-flowing well: 116 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at 10 gal. per min.

How tested: bale

Length of test 1/2 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

T. 14N R. 35E 28

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
JUL 11 1961

STATE ENGINEER
Ingomar, Montana

Owner Forrest Gregg

Address

Driller Don Strand

Address Roundup, Montana

Date Started 7/13/61

Date Completed 7/18/61

Location: Sec. 28 T. 14N R. 35E

1/4 sec. NE 1/4

Type of well Drilled
(Dug, driven, bored, or drilled)

Equipment used Churn drill
(Churn drill, rotary, other)

Water use: Domestic ☐

Municipal ☐

Stock ☒

Irrigation ☐

Industrial ☐

Drainage ☐

Other: ☐

Casing: 0 ft. to 185 ft.

Type 20 ga galv Size 6 inch

Casing: ft. to ft.

Type

Size

Casing: ft. to ft.

Type

Size

Perforated or Screened: Ft. 145 to ft. 185 Ft. to ft.

Type of screen or perforations slots

Static Water level, for non-flowing well: 39 feet from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on:

(date)

Pumping water level 30 feet at 10 gal per min

How tested: bail

Length of test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	Top soil
3	7	sandsone
7	15	soft sand
15	26	yellow clay
26	33	Brown shale
33	41	Gray shale
41	49	Blue shale
49	58	Sand shale
58	69	Fray shale
69	71	Sand Shale
71	74	Brown shale
74	79	Sandy shale
79	83	Blue shale
83	106	Sandy shale
106	117	Brown shale
117	124	EX Gray shale
124	139	Sandy shale
139	147	Brown shale
147	152	Water-sand-2 gal per min
152	165	Sandy & Shale
165	174	Water-sand 10 gal per min.
174	185	Sand & shale

File No. _____

RECEIVED

T. 14N R. 35E 32

DUPLICATE

MAY 19 1970

County. Garfield

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner. Daniel Lee Address. Sand Springs, Mont.

Driller. Drane Drilling Service Address. Jordan, Mont.

Date of Notice of appropriation of groundwater. _____

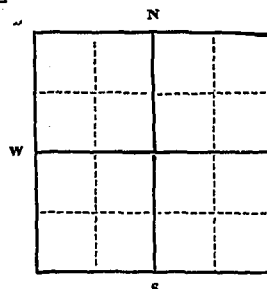
Date well started. 5-9-70 Date completed. 5-9-70

Type of well drilled Equipment used ROTARY
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	4 in. plastic	1	100	5 1/2" 2 1/4" X 3/4"	50	100

Doc. No. 135203
Filed for record
this 15 day of May
A. D. 19 70, at _____
o'clock 9:29 A.



Static Water Level for non-flowing well 45 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 72 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested. pumping

Length of Test. 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

1/4 Sec 22 T. 14N R. 35E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, or drainage or other. Explain, state number of acres and location. Other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 29

Drane Drilling Service
Driller's Signature.

46452

135203

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 15 day of May

A. D. 19 79 at 9:20 o'clock A M

Charles E. Pangburn
County Clerk and Recorder

By Alpha E. Armstrong
Deputy

Fee Paid \$ 2.00

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

- ☐ GW 1, Notice of Appropriation of Groundwater
☒ GW 2, Notice of Completion of Groundwater Appropriation by means of Well
☐ GW 3, Notice of Completion of Groundwater Appropriation without Well
☐ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Daniel Kee Address Sand Springs, Montana
Location _____ Document No. 135203

☐ This is to inform you that your GW form has been received and is complete as filed.

☒ This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the location.

☐ Other.

MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 23 1970

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

29
Driller's License Number

James D. King Service
Driller's Signature.

46452

GW

MONTANA WATER RESOURCES BOARD
RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No.

T. R.

DUPLICATE

MAY 19 1970

County Garfield

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

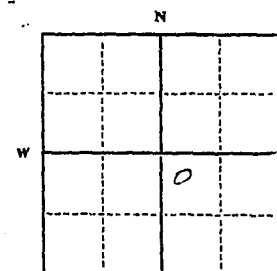
Owner Daniel Lee Address and Springs, Mont.Driller Drane Dilling Service Address Jordan, Mont.

Date of Notice of appropriation of groundwater

Date well started 5-9-70 Date completed 5-9-70Type of well drilled Equipment used ROTARY
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	4 in. plastic	1	100	5107 Full 1/4 X 3/4	50	100

Doc. No. 135203
Filed for record
this 19th day of May
A. D. 19 70, at 3:20
o'clock PMStatic Water Level for non-flowing well
40 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 72 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pumpingLength of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

1/4 Sec. 3 T. 14 R. 35
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

29
Drane Dilling Service
Driller's Signature.

46452

File No.

T. 14 N R. 35

DUPLICATE

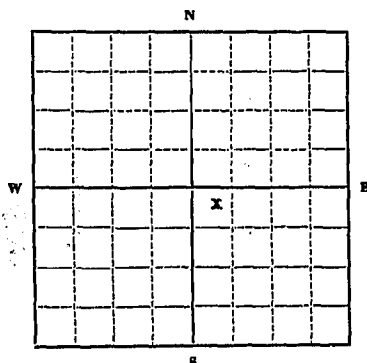
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Daniel C. and/or Mary Kae, of Sand Springs, (Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 32 T. 14 R. 35

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based... Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... summer of 1956
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... about 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
pipe, cylinder, pump-jack and electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... not known

8. The depth of water table... not certain 50 to 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 4" steel casing to about 70 feet
1" pipe and 2 1/2" cylinder to about 60 feet, pump-jack and electric motor, with automatic float system and 900 gallon steel trough

10. The estimated amount of groundwater withdrawn each year... about 1500 gallons per day

11. The log of formations encountered in the drilling of each well if available... not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23387

473

125130

125130

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 20 day of Dec

A. D. 1963 at 11:28 o'clock A. M.

Chas E. Vaughan
County Clerk and Recorder

By Marcus A. James
Deputy

Fee Paid \$2.00

INDEXED mf

FILED ef

RECEIVED

AUG 11 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 11N R. 35E
County. Garfield

34

WATER WELL LOG

Owner. Paul Robinson Address. Ingomar, Montana
Driller. Don Strand Address. Roundup, Montana
Date Started. 7/14/58 Date Completed. 7/28/58
Location: Sec. 34 T. 11N R. 35E 1/4 sec. SW 1

Type of well. Drilled Equipment used. Suddler
(Dug, driven, bored, or drilled) (Cable drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 215 ft. Type. Galv Size. 6"

Casing: _____ ft. to _____ ft. Type. _____ Size. _____

Casing: _____ ft. to _____ ft. Type. _____ Size. _____

Perforated or Screened: Ft. 52 to ft. 55 Ft. 160 to ft. 172

Type of screen or perforations. from 185 to 197 ft. slits

Static Water level, for non-flowing well: 33 feet of top feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level. 130-140 feet at 2 gal. per min.

How tested: baler

Length of test. 1/2 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

GV

Approved Stock Form—State Publishing Co., Helena, Montana—500

File No.

DUPLICATE

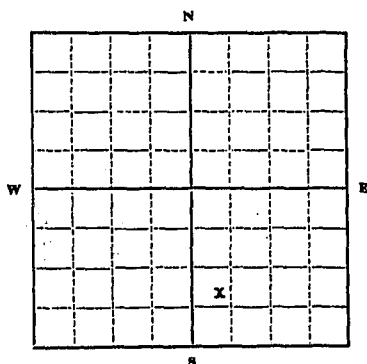
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested ~~Groundwater~~ **PRIVATE ENGINEER**
(Under Chapter 237, Montana ~~Groundwater~~ Laws, 1961)

1. Daniel C. Kee and/or Mary Kee of Sand Springs
(Name of Appropriator) (Address) (Town)

County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 35, T. 14, R. 35.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
Stock Water

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....continuous use since
July 1956

4. The amount of groundwater claimed (in miner's inches or gallons
per minute).....2 gallons per minute

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
not used for irrigation

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....pipe,
cylinder and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....commencement July 3, 1948 and completion July 5, 1948

8. The depth of water table.....water comes in from 23' to 56'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.....4" black casing to a depth of 150'
1 1/2" pipe and 2" cylinder to a depth of 147'. Windmill and 2, 1000 gallon steel troughs

10. The estimated amount of groundwater withdrawn each year.....2 up to 1000 gal. per day

11. The log of formations encountered in the drilling of each well if available.....
0 to 23' yellow shale, 23' to 46' muddy blue sand and shale, 56' to 95' 6" hard rock,
95' 6" to 150' shale

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.....

Signature of Owner

Daniel C. Kee

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

23386

472

125129

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana.

this 30 day of Dec.

A. D. 19 63 at 11:23 clock A M

Charles E. Thompson

County Clerk and Recorder

By Marion A. James

Deputy

Fee Paid \$ 2.00

INDEXED mf
FILED up

GROUNDWATER INDEX

Page 1 of 1

County Garfield Twp. 14 Rge. 36

[illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Bud Kramann

Address Cohagen

MONT.

Date well started 9-6-70

completed 9-6-70

Type of well drilled

Equipment used rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

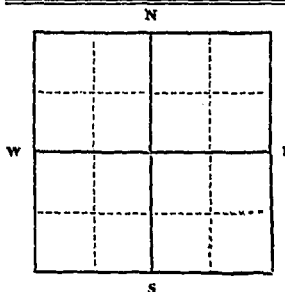
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in.</u>	<u>4 in 10 lb.</u>	<u>1</u>	<u>140</u>	<u>Slotted 1/4 x 3 in.</u>	<u>80</u>	<u>140</u>



Static water level 65 ft.*
Pumping water level 84 ft.*
at 15 gallons per minute,
measured 120 minutes after pumping began.

*Measured from ground level.
Well developed by pump
for 2 hrs. hours.
Power Submersible Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

1/4 SW 1/4 Sec. 1
T. 14 N. 36 E.
S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Drane Drilling Service

Driller's Address Jordan, Mont.

LICENSE NO. 29

14N-36E
County Gallatin

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		
From (Feet)	To (Feet)	
<u>1</u>	<u>10</u>	<u>clay</u>
<u>10</u>	<u>15</u>	<u>gravel</u>
<u>15</u>	<u>25</u>	<u>sandstone</u>
<u>25</u>	<u>40</u>	<u>shale</u>
<u>40</u>	<u>43</u>	<u>rock</u>
<u>43</u>	<u>58</u>	<u>shale</u>
<u>58</u>	<u>83</u>	<u>rock</u>
<u>83</u>	<u>115</u>	<u>shale</u>
<u>115</u>	<u>135</u>	<u>sand</u>
<u>135</u>	<u>140</u>	<u>shale</u>

140 ft. Show exact depth of bottom

477747

135725

12

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
12 day of Nov.

1970 at 9:25 o'clock A.M.
Charles E. Pangburn
County Clerk and Recorder

Delpha E. Cunningham
Deputy

Fee Paid \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Bud Hammer
Address Coleman
Mont.
Date well started 9-7-70
completed 9-7-70

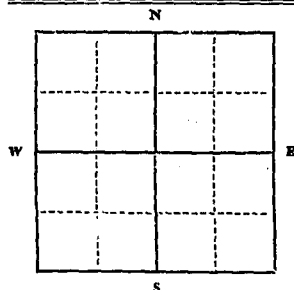
For Administrator's Use	
File	<u>125726</u>
	<u>November 12, 1970</u>
	<u>9:30 A.M.</u>
GW 1	

Type of well drilled
(Dug, driven, bored or drilled)
Equipment used rotary
(Churn drill, rotary or other)
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
<u>6 in</u>	<u>4 in plastic</u>	<u>1</u>	<u>164</u>	Kind Size	From (Feet)	To (Feet)
				<u>5 1/2" 77ed</u>	<u>80</u>	<u>160</u>
				<u>1/4" x 3/4"</u>		



1/4 SE 1/4 Sec. 1
T. 14 N. R. 36 E.
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Wesley J. Hilling

Driller's Address Jordan Mont.

LICENSE NO. 25

14N-36E
County Shaw

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>1</u>	<u>10</u>	<u>sand + clay</u>
<u>10</u>	<u>45</u>	<u>yellow shale</u>
<u>45</u>	<u>65</u>	<u>shale</u>
<u>65</u>	<u>67</u>	<u>rock</u>
<u>67</u>	<u>105</u>	<u>shale</u>
<u>105</u>	<u>106</u>	<u>rock</u>
<u>106</u>	<u>155</u>	<u>shale</u>
<u>155</u>	<u>164</u>	<u>sand</u>

Show exact depth of bottom

47748

135726

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 12 day of Nov.

1920 at 9:30 o'clock A.M.

By Charles E. Thompson
County Clerk and Recorder
By Delpha E. Thompson
Deputy

Fee Paid \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 3 1970

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

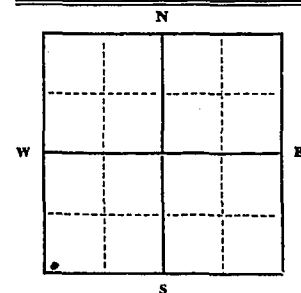
Owner C. A. Kramer
Address Colaplan
Mont.
Date well started 10-29-70 completed 10-31-70
For Administrator's Use
File 125215
November 30 1970
11:30 a.m.
GW 1

Type of well drilled
(Dug, driven, bored or drilled)
Equipment used rotary
(Churn drill, rotary or other)
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>6 in.</u>	<u>4 in Plastic</u>	<u>1</u>	<u>163</u>	Kind Size <u>5/16" - 4</u> <u>1/4" 13 in.</u>
				From (Feet) To (Feet) <u>103 163</u>



Static water level 60 ft.*
Pumping water level 10.5 ft.*
at 3 gallons per minute,
measured _____ minutes after pumping began.
*Measured from ground level.
Well developed by pump
for 1.0 hours.
Power submersible HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

SW 1/4 Sec. 1
T. 14 N. R. 36 E.
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Glenn Drilling Service
Driller's Address Jordan Montana

LICENSE NO. 29

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>1</u>	<u>15</u>	<u>clay</u>
<u>15</u>	<u>20</u>	<u>shale</u>
<u>20</u>	<u>25</u>	<u>rock</u>
<u>25</u>	<u>80</u>	<u>shale</u>
<u>80</u>	<u>83</u>	<u>rock</u>
<u>83</u>	<u>130</u>	<u>shale</u>
<u>130</u>	<u>132</u>	<u>rock</u>
<u>132</u>	<u>155</u>	<u>shale</u>
<u>155</u>	<u>160</u>	<u>sand</u>
<u>160</u>	<u>163</u>	<u>shale</u>

Show exact depth of bottom

47840

861
135815

G. H. Wall Approp
Kramer C.A.
to
Public. She

Sec of the County Clerk and
Recorder of Garfield County, State of Montana,
on: 30 day of Nov

A. D. 19 70 at 11:30 o'clock A. M.
Charles E. Sangburn
County Clerk and Recorder

L. Delpha E. Armstrong
Deputy
200

GROUNDWATER INDEX

Page 1 of 1

County Garfield Twp. 14 Rge. 38

[illegible]

File No.

T. 14 R. 38

DUPLICATE

County Garfield

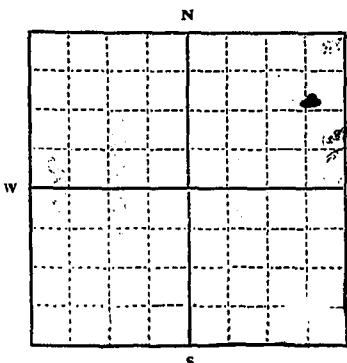
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Brooks Company, of Cohagen
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NENE 1/4 Sec 35 T. 14 R. 38

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater3. Date or approximate date of earliest beneficial use; and how continuous the use has been 19604. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Electric Pump7. The date of commencement and completion of the construction of the well, wells, or other ~~works~~ for withdrawal of groundwater 19608. The depth of water table 120'9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 140' Deep 4" casing10. The estimated amount of groundwater withdrawn each year 500,00011. The log of formations encountered in the drilling of each well if available none available12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including references to book and page of any county record noneSignature of Owner LC Brooks, Pres.

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

23277

363

125020

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.

A. D. 1963 at 7:40 o'clock P. M.

Charles E. Dargatzis
County Clerk and Recorder

Not Public 700

mt
CRP

GROUNDWATER INDEX

Page 1 of 1

County Garfield Twp. 14 Rge. 39

[illegible]

File No.

T. 14 N. R. 39 E.

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 20 1963

Declaration of Vested Groundwater Rights

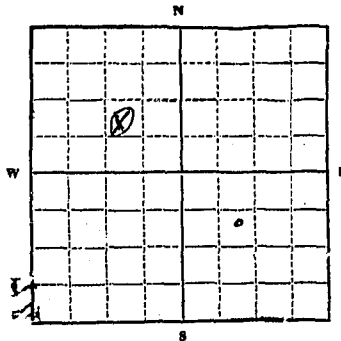
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Thomas W. Coil, Jack G. Coil

1. and Robert F. Coil, of Cohagen, Montana
(Name of Appropriator) (Address) (Town)

County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10, T14N R. 39E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based... domestic
and for watering livestock.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been... May, 1960 and use is
continuous.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)... 10 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands
which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal... NW 1/4 of
Section 10, Township 14 N., Range 39 E. Water
is withdrawn by electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater... The well on Section 10 was started and completed
in May, 1960.

8. The depth of water table... Well is 75' deep.

9. No far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater... The well is a dug well, 4" size and
75' deep.

10. The estimated amount of groundwater withdrawn each year... 800,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available...
0-5' Topsoil
5-75' Sand, Water sand, coal streaks. Water at 75'.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

Thomas W. Coil, Jack G. Coil
Robert F. Coil

Signature of Owner By Thomas W. Coil

Date August 8, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

74

123809

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 19

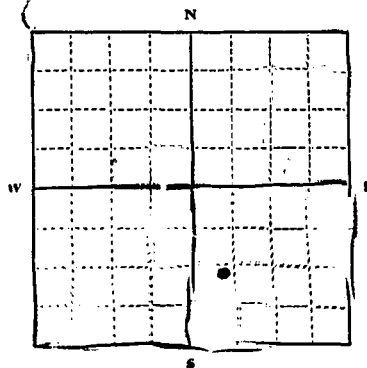
Aug 19 1963 8:30 A.M.

Charles E. Renshaw
County Clerk and Recorder
Dwyer

Fee \$2.00

File No.

DUPLICATE

T. 14^N R. 39^E
County GarfieldSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 6 1964Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)1. Marvin L. Johnson, of Cahagen Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE 1/4 Sec. 20 T. 14 R. 39

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1959 used every summer
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 gal/min
5. If used for ~~irrigation~~ give the acreage and description of the lands to which ~~water~~ has been applied and name of the owner thereof.
Not used for irrigation
6. The means of withdrawing ~~the~~ stock water from the ground and the location of each well or other means of withdrawal.
Pump and motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1959
8. The depth of water table. 15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Dug well lined with culvert 18 ft deep
10. The estimated amount of groundwater withdrawn each year. 75,000 gallons
11. The log of formations encountered in the drilling of each well if available.
None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
None

Signature of Owner

Marvin L. Johnson
Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

23315

401

125058

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.

A. D. 1913 at 12:17 o'clock A. M.

Charles E. Thompson
County Clerk and Recorder

By Marion A. Jansen
Deputy

Fee Paid \$ 2.00

722
640

RECEIVED
GARFIELD COUNTY
CLERK'S OFFICE
DEC 31 1913